

ABSTRACT OF THE DISCLOSURE

A card shuffling device includes a top surface, a card receiving area for receiving an initial set of playing cards, a randomizing or arranging system for the initial set of playing cards, a collection surface in a card collection area for receiving randomized playing cards, the collection surface receiving cards positioned so that all cards collected are below the top surface of the device, and an elevator for raising the collection surface so that at least some randomized cards are elevated above the top surface of the device. An automatic card shuffler includes a microprocessor with memory. An automated calibration system is provided that calibrates the precise position of the card supporting platform in the elevator so that precise insertion of cards can be performed during card handling procedures. A preferred method operates by a position of the elevator being randomly selected and the support surface is moved to the selected position, and after the gripping arm grasps at least one side of the cards, the elevator lowers, creating a space beneath the gripping arm, wherein a card is moved from the in-feed compartment into the space, thereby randomizing the cards.